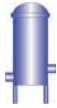


Solvents and other raw materials should be filtered to remove any contaminants that might inhibit an effective reaction process. Classic Filter and Equipment offers a variety of filters for this application.



Following Hydrogenation, Classic Filter recommends filtering the intermediate product to remove or recover catalyst fines that can bleed through from the reactor. Pleated style filters are very effective for this application.



Once the work solution has been oxidized, it is fed to a liquid-liquid extractor. Here, water is mixed with the work solution in order to facilitate the separation of the Hydrogen Peroxide from the solvents. Filtering the make-up water with either depth or pleated style elements will help insure a more effective separation of the two liquid streams.



Particulate contaminants in the Distillation Tower feed inhibit the distillation and concentration of the water and Hydrogen Peroxide liquids. Particulate contaminants can, also, plug tower trays. Both of these problems can result in increased energy usage and poor product quality. Classic Filter and Equipment can recommend a filter to remove these contaminants.



Solvent that is recovered from the liquid-liquid extractor should be filtered prior to re-introduction into the process. Classic Filter and Equipment can recommend a filter to make sure you maintain raw material cleanliness.



Final product should be filtered before packaging to insure product quality to the end user. Classic Filter and Equipment recommends a pleated style filter for this application.



Pumps are used throughout the manufacturing process to move raw materials and finished product from one stage of the process to the next. At Classic Filter and Equipment, we offer centrifugal and AODD style pumps to meet your pumping needs.



Sensors are used in the manufacturing process to monitor and control pH of the various chemicals in the process. Classic Filter and Equipment offers pH sensors that are well suited for the rigorous requirements of this application. We can, also, provide sensor housings that will help protect the sensors.



Air introduced into the process in the Oxidation phase should be filtered to remove any entrained liquid or particulate contaminants. This will improve the oxidation process. Classic Filter and Equipment can provide air and compressed air solutions for this application.

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